						Sheet <u>1</u> of <u>1</u>
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE			SERIAL NO. 09/313,184			DOCKET NO. Q54404
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Kaname MIWA, Katsuhiko HORII and Hideaki YAGI			
(Use several sheets if necessary)			FILING DATE May 18, 1999			GROUP
		U.S	. PATENT DOCUME	NTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
N	5,348,630	09/20/94	YAGI et al	204	153.22	
M	4,668,375	05/26/87	KATO et al	204	426	
M	5,174,885	12/29/92	HAYAKAWA et al	204	425	
N	5,672,811	09/30/97	KATO et al	73	31.05	
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
11	8-201337	08/09/96	JAPAN	G01N	27/41	
20	5-87773	04/06/93	JAPAN	G01N	27/41	
	OTHER DOCUM	MENTS (incl	uding Author, Title,	Date Pertine	ent Pages, etc.)	
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

(Form PTO-1449 [6-4])

EXAMINER

DATE CONSIDERED